

Kelder vloer tussen de CD en E

803-80

Kruisvloer met $l_y = 5,99 \text{ m}$
 $l_x = 4,45 \text{ m}$

$$l_y : l_x = 5,99 : 4,45 = 1,35$$

tabel VIII gevel VI A.

$$M_x = 17,00$$

$$M_y = 16,00$$

$$(M_{vx}) = -(M_{ix}) = 0,001 \times 1000 \times 4,45^2 \times 62 = 1225 \text{ Kgm}$$

$$M_{vy} = 0,001 \times 1000 \times 4,45^2 \times 59,5 = 990 \text{ Kgm}$$

$$-(M_{iy}) = 0,001 \times 1000 \times 4,45^2 \times 59,5 = 990 \text{ Kgm}$$

$$K = 225 ;$$

$$Q_r = 40 ;$$

$$\delta = 1,72 ;$$

$$K_{vx} = Q_2 \text{ proef.} \rightarrow A_{vx} = A_{vy} = A_{iy} = 4,00 \text{ cm}^2$$

toegepast ϕ 10-19 cm

Kruisvloer - Kruis in kelder

K 225 ; Q_r 40

Kruisvloer met $l_y = 7,66 + 0,05 = 7,71 \text{ m}$
 $l_x = 4,70 + 0,05 = 4,75 \text{ m}$

$$q_f = 1480 \text{ kg/m}^2 \quad l_y : l_x = 7,71 : 4,75 = 1,63$$

tabel VIII gevel II

$$M_x = 37 \text{ cm} ;$$

$$M_y = 36 \text{ cm} ;$$

$$M_{vx} = -(M_{ix}) = 0,001 \times 1480 \times 4,75^2 \times 58,3 = 1940 \text{ Kgm}$$

$$M_{vy} = 0,001 \times 1480 \times 4,75^2 \times 36 = 1200 \text{ Kgm}$$

$$-(M_{iy}) = 0,001 \times 1480 \times 4,75 \times 36 = 1200 \text{ Kgm}$$